



ecology and environment, inc.

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International Specialists in the Environment

SITE INSPECTION REVIEW

SUBMITTED TO: Lisa Nelson, EPA Region IX Site Assessment Manager

PREPARED BY: Janet Kaps, Ecology and Environment, Inc. *JK*

DATE: March 31, 1992

SITE: Phelps Dodge Historical Smelter, prepared by James D. Williams of Arizona Department of Environmental Quality, dated August 28, 1991

EPA ID#: AZD981680242

E & E REVIEW/CONCURRENCE: *Karen Jadd 3/31/92*

RCRA STATUS

☐ Generator ☐ Small Quantity Generator ☐ Transporter

☐ TSD ☒ Not Listed in RCRA Database

HRS CONSIDERATIONS

- o Observed contamination of metals in soil on site and in the vicinity of the site has been documented;
- o The population within 4 miles surrounding the smelter is high; and
- o Although residential properties do not appear to have been sampled, concentrations of metals in soil as far as 0.5 miles from the site are significantly above concentrations of reference samples. The area affected extends across residential areas and future sampling may document actual contamination on private property.

COMMENTS

The purpose of the SI was evaluate the soil sampling that was conducted during investigations of the site. Although there was no specific mention of the collection of a background sample, soil samples were taken approximately 1 mile from the site and contained concentrations of metals significantly lower than samples collected near the smelter. These samples were considered reference or background samples for the site.

The population within 4 miles was not accurately depicted in the SI. A value from comments submitted by Phelps Dodge was used to evaluate the site.

CONCLUSIONS

☐ Appears to be ineligible for National Priorities List

☒ Potentially eligible for National Priorities List

STATE RECOMMENDATION

☐ No Further Remedial Action Planned under CERCLA

☒ Potentially eligible for National Priorities List

EPA RECOMMENDATION

	<u>Initial</u>	<u>Date</u>
No Further Remedial Action Planned under CERCLA	_____	_____
Higher-Priority for Further Site Assessment	<u>fw</u>	<u>9-24-91</u> <u>ABG/az</u>
Lower-Priority for Further Site Assessment	_____	_____
Defer to Other Authority (e.g., RCRA, TSCA, NRC)	_____	_____

Notes: